

APPLICATION FOR UNITED STATES PATENT DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:
My residence, post office address and citizenship are as stated below next to my name; that
I verily believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint
inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the
invention entitled: FINITE IMPULSE RESPONSE FILTER METHOD AND APPARATUS

described and claimed in the specification:

Check one

- *a. ☒ attached hereto.
b. ☐ filed on _____ as Application No. _____ and amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims,
as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in
Title 37, Code of Federal Regulations, §1.56. Under Title 35, U.S. Code §119, the priority benefits of the following foreign
application(s) and/or United States provisional application(s) filed by me or my legal representatives or assigns within one year prior
to this application are hereby claimed:

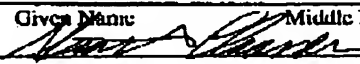
The following application(s) for patent or inventor's certificate on this invention were filed in countries foreign to the
United States of America either (a) more than one year prior to this application, or (b) before the filing date of the above-named
foreign priority application(s) and/or United States provisional application(s):

I hereby appoint the following as my attorneys of record with full power of substitution and revocation to prosecute this
application and to transact all business in the Patent Office:

Mark Costello	Reg. No. 31,342;	Elizabeth F. Harasek	Reg. No. 28,850;
Ronald F. Chapuran	Reg. No. 26,402;	Eugene O. Palazzo	Reg. No. 20,881;
Kevin R. Kepner	Reg. No. 32,145;	Mario A. Costantino	Reg. No. 33,565;
Nola Mae McBain	Reg. No. 35,782;	Joel S. Armstrong	Reg. No. 36,430;
James A. Oliff	Reg. No. 27,075;	Christopher W. Brown	Reg. No. 38,025;
William P. Berridge	Reg. No. 30,024;	Richard E. Rice	Reg. No. 31,560;
Kirk M. Hudson	Reg. No. 27,562;	Paul Tsou	Reg. No. 37,956; and
Thomas J. Pardini	Reg. No. 30,411;	Eric D. Morehouse	Reg. No. 38,565.
Edward P. Walker	Reg. No. 31,450;		
Robert A. Miller	Reg. No. 32,771;		

ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD BE SENT TO OLIFF &
BERRIDGE, PLC, P.O. BOX 19928, ALEXANDRIA, VIRGINIA 22320, TELEPHONE (703) 836-6400.

I hereby declare that I have reviewed and understand the contents of this Declaration, and that all statements made herein
of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these
statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment,
or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity
of the application or any patent issued thereon.

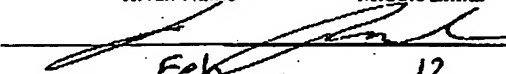
1	Typewritten Full Name of First or Sole Inventor	Stuart	I.	CIAASSEN
		Given Name	Middle Initial	Family Name
2	**INVENTOR'S SIGNATURE:			
3	**DATE OF SIGNATURE:	Feb	12	2004
		Month	Day	Year
	Residence:	Santa Clara	California	USA
		City	State or Province	Country
	Citizenship:	United States		
	Post Office Address:			
	(Insert complete mailing address, including country)	2806 Sycamore Way		
		Santa Clara, California 95051		

*This form may be executed only when attached to the specification (including claims) at the end thereof if Box a. is checked.

**Note to Inventor: Please sign name exactly as it appears above and insert actual date of signing.

IF THERE IS MORE THAN ONE INVENTOR USE PAGE 2 AND PLACE AN "X" HERE ☒

Page 2 OF U.S.A. DECLARATION FORM
(Discard this page in a sole inventor application)

1	Typewritten Full Name of Second Joint Inventor (if any)	Jon	Q. J.	POCOCK
		Given Name	Middle Initial	Family Name
2	**INVENTOR'S SIGNATURE:			
3	**DATE OF SIGNATURE:	Feb	12	2004
		Month	Day	Year
	Residence:	Mountain View	California	USA
		City	State or Province	Country
	Citizenship:	Canadian		
	Post Office Address:	(Insert complete mailing address, including country)		
		1930 Mount Vernon Ct., #1		
		Mountain View, California 94040		
1	Typewritten Full Name of Third Joint Inventor (if any)			
		Given Name	Middle Initial	Family Name
2	**INVENTOR'S SIGNATURE:			
3	**DATE OF SIGNATURE:			
		Month	Day	Year
	Residence:			
		City	State or Province	Country
	Citizenship:			
	Post Office Address:	(Insert complete mailing address, including country)		
1	Typewritten Full Name of Fourth Joint Inventor (if any)			
		Given Name	Middle Initial	Family Name
2	**INVENTOR'S SIGNATURE:			
3	**DATE OF SIGNATURE:			
		Month	Day	Year
	Residence:			
		City	State or Province	Country
	Citizenship:			
	Post Office Address:	(Insert complete mailing address, including country)		

**Note to Inventors: Please sign name exactly as it appears and insert the actual date of signing.

This form may be executed only when attached to the first page of the Declaration and Power of Attorney form and the specification (including claims) of the application to which it pertains.